

- I. GENERAL

THIS PROJECT IS LOCATED AT THE INTERSECTION OF US 50 AND HOBBS ROAD IN WICOMICO COUNTY, MARYLAND. THIS PROJECT INVOLVES ROADWAY WIDENING AND THE RECONSTRUCTION AND REWIRING OF AN EXISTING SIGNAL EFFECTED BY THIS WIDENING. US 50 IS ASSUMED TO RUN IN AN EAST/WEST DIRECTION.
- II. INTERSECTION OPERATION

THE PROPOSED TRAFFIC SIGNAL WILL OPERATE IN A NEMA SIX (6) PHASE, FULLY TRAFFIC ACTUATED MODE. THE US RTE. 50 APPROACHES WILL OPERATE CONCURRENTLY, WITH EXCLUSIVE LEFT TURN PHASES. THE HOBBS ROAD APPROACHES WILL OPERATE SEPERATELY IN SPLIT PHASES. A NEW HIB SIGNAL SHALL BE INSTALLED ALONG US 50 EASTBOUND APPROACH.

A NEW EIGHT PHASE FULLY TRAFFIC ACTUATED CONTROLLER WITH TWO (2) FOUR CHANNEL RACK MOUNTED LOOP DETECTOR AMPLIFIERS, TELEMETRY MODULE, AND INTERSECTION MONITOR WITH BATTERY BACK UP HOUSED IN A NEMA SIZE SIX (6) BASE MOUNTED CABINET WILL BE INSTALLED.
- III. SPECIAL NOTES

1. THE SIGNAL SHOP WILL BE NOTIFIED TO PERFORM INTERNAL WIRING OF THE CABINET AT US RTE. 50 AND HOBBS ROAD. ALL CABLE SHALL BE IDENTIFIED AND BROUGHT INTO THE CONTROLLER BY THE CONTRACTOR. THE CONTRACTOR SHALL NOTIFY MR. EDWARD RODENHIZER, SHA SIGNAL SHOP AT (410) 787-7650 SEVENTY-TWO (72) HOURS IN ADVANCE OF THIS WORK.

2. MOT PLATES FOR THIS PROJECT WILL BE AS FOLLOWS: 104.00 TO 104.00+12, 104.02-01, 104.03-01

CATAGORY CODE	SPEC. #	QUANTITY	DESCRIPTION
861116	810	1700 LF	FURNISH AND INSTALL ELECTRICAL CABLE 2 CONDUCTOR NO.12
861104	810	6500 LF	FURNISH AND INSTALL ELECTRICAL CABLE 2-CONDUCTOR ALUMINUM SHIELDED
861107	810	3500 LF	FURNISH AND INSTALL ELECTRICAL CABLE 5-CONDUCTOR NO.14 AWG
861108	810	1500 LF	FURNISH AND INSTALL ELECTRICAL CABLE 7-CONDUCTOR NO.14 AWG
862101	810	3100 LF	FURNISH AND INSTALL LOOP WIRE IN FLEXIBLE TUBING
862102	815	1000 LF	FURNISH AND INSTALL SAW CUT FOR SIGNAL (LOOP DETECTOR)
800000		L.S.	REMOVE OF EQUIPMENT TO BE SALVAGED
800000		L.S.	DELIVERY OF SALVAGED EQUIPMENT
871202	816	1 EA	INSTALL NEMA 6 BASE MOUNTED CABINET
861117	810	50 L.F.	FURNISH AND INSTALL ELECTRICAL CABLE 3 WIRE (NO. 4 AWG)

EQUIPMENT LIST

C EQUIPMENT TO BE REMOVED BY THE CONTRACTOR AND DELIVERED TO 7491 CONNELLY DRIVE, HANOVER MARYLAND 21076. IN ADVANCE OF REMOVAL, CONTACT DAVID SCHWARTZ AT (410) 787-7668

CATAGORY CODE	QUANTITY	DESCRIPTION
900000	1 EA	FURNISH NEMA 6 BASE MOUNTED CABINET & CONTROLLER
900000	143 SF	SHEET ALUMINUM SIGN
- 1 EA		D3-2 (VARIABLE x 16 IN.) "Hobbs Road"
- 1 EA		W3-3 (48 IN x 48 IN) "SIGNAL AHEAD"
- 2 EA		OM-1(1) (16 IN x 16 IN) "OBJECT MARKER"
- 6 EA		R5-1 (30 IN x 30 IN) "DO NOT ENTER"
- 2 EA		R10-6 (36 IN x 24 IN) "STOP HERE ON RED"
- 1 EA		W3-3(2) (20 IN x 60 IN) "SIGNAL AHEAD PREPARE TO STOP"
- 1 EA		R3-5L (30 IN x 36 IN) "LEFT ONLY"
- 1 EA		R3-6 (30 IN x 36 IN) "LEFT THRU"

CATAGORY CODE	SPEC. #	QUANTITY	DESCRIPTION
120500	120500	1 L.S.	MAINTENANCE OF TRAFFIC
203030	205	3 CY	TEST PIT EXCAVATION
585445	SP-555	165 LF	FURNISH AND INSTALL 24" WHITE PERMANENT PREFORMED PAVEMENT MARKING TAPE (STOP LINE)
585448	SP-555	12 EA	FURNISH AND INSTALL PERMANENT PREFORMED PAVEMENT MARKING ARROW.
801004	801	14 CY	FURNISH AND INSTALL CONCRETE SIGNAL FOUNDATION
801104	812	110 LF	FURNISH AND INSTALL 4 IN. X 4 IN. WOOD SIGN SUPPORTS
813014	813	66.5 SF	INSTALL GROUND MOUNTED SIGN
813015	813	76.5 SF	INSTALL OVERHEAD MOUNT SIGN
805011	805	130 LF	FURNISH AND INSTALL 1 IN. ELECTRICAL CONDUIT - GALVANIZED SLEEVE
870160	805	450 LF	FURNISH AND INSTALL 2 IN. DIA. PVC ELECTRICAL CONDUIT SCHEDULE 80 - TRENCHED.
870163	805	1300 LF	FURNISH AND INSTALL 3 IN. DIA. PVC ELECTRICAL CONDUIT SCHEDULE 80 - TRENCHED
870165	805	120 LF	FURNISH AND INSTALL 3 IN. DIA. PVC ELECTRICAL CONDUIT SCHEDULE 80 - SLOTTED
870166	805	120 LF	FURNISH AND INSTALL 4 IN. DIA. PVC ELECTRICAL CONDUIT SCHEDULE 80 - TRENCHED.
870168	805	275 LF	FURNISH AND INSTALL 4 IN. DIA. PVC ELECTRICAL CONDUIT SCHEDULE 80 - SLOTTED.
805160	805	25 LF	FURNISH AND INSTALL 1 IN. LIQUID TIGHT FLEXIBLE NON-METALLIC CONDUIT SLEEVE
811001	811	9 EA	FURNISH AND INSTALL ELECTRICAL HANDHOLE
800000	818	1 EA	FURNISH AND INSTALL 12 IN. X 21 FT. STRAIN POLE WITH SINGLE 38 FT. MAST ARM
802501	810	150 LF	FURNISH AND INSTALL STRANDED BARE COPPER GROUND WIRE (NO. 6 AWG)
837001	804	4 EA	FURNISH AND INSTALL GROUND ROD 1/2 IN. DIAMETER X 10 FT LENGTH
838003	807	1 EA	FURNISH AND INSTALL CONTROL AND DISTRIBUTION EQUIPMENT (120/240V, 1 PH, 3 W)
860272	814	14 EA	FURNISH AND INSTALL 12" VEHICAL TRAFFIC SIGNAL HEAD SECTION (BLACK FACED)
860274	814	12 EA	FURNISH AND INSTALL 12" OPTICALLY PROGRAMMED TRAFFIC SIGNAL HEAD SECTION (BLACK FACED)
800000	818	1 EA	FURNISH AND INSTALL 12 IN. X 21 FT. STRAIN POLE WITH SINGLE 70 FT. MAST ARM.
800000	818	1 EA	FURNISH AND INSTALL 12 IN. X 21 FT. STRAIN POLE WITH SINGLE 50 FT. MAST ARM.
813021	15 S.F.		REMOVE EXISTING GROUND MOUNT SIGN

THE FOLLOWING CONTACT PERSONS FOR DISTRICT # 1 ARE AS FOLLOWS:

Mr. Richard L. Daff, Sr.
Chief, Traffic Operations Division
(410) 787-7630

Mr. Gene Cofield
Asst. District Engineer - Traffic
(410) 543-6715

Mr. Bruce W. Poole
Utility Engineer
(410) 543-6715

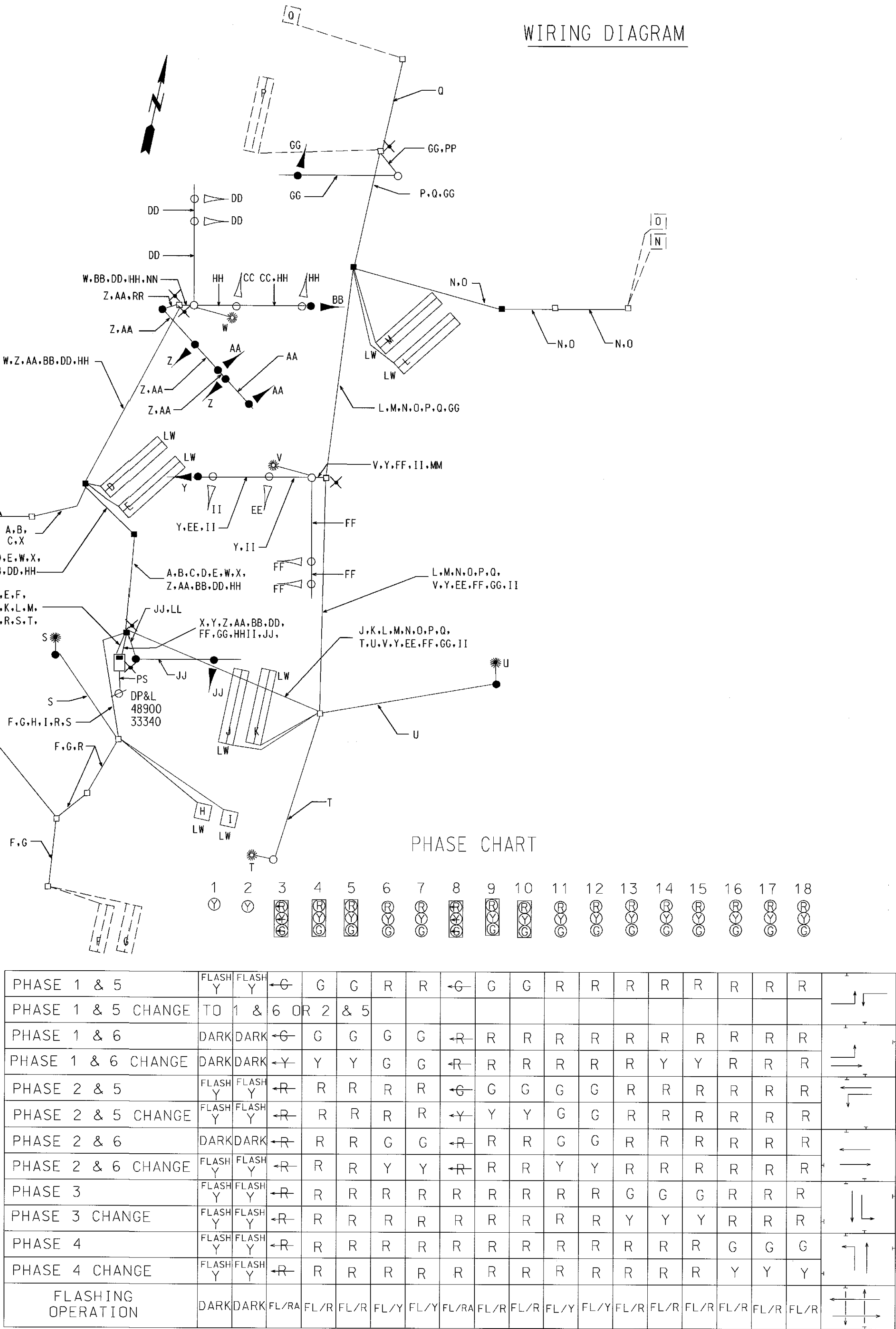
Mr. Donnie L. Drewer
District Engineer
(410) 543-6715

Mr. James R. Wright
Asst. District Engineer - Maintenance
(410) 543-6715

The Power Company Representative is:
CONNECTIPOWER
CHRIS SMITH
P.O. BOX 1739
SALISBURY MD 21802-1739
(410) 860-6036



72 Loveton Circle Baltimore, Maryland 21152-0949



REVISIONS		APPROVALS	
1	REDLINE NO. 1 NEW SHEET ADDED 6/29/01		
C	RELOCATE CONTROLLER, SIGNAL POLES DUE TO GEOMETRIC CHANGES SHA NO. W1641202170 5-10-01	TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION	
CGM		ASST. CHIEF TRAFFIC ENGINEERING DESIGN DIVISION	
B	ADD CONCURRENT SIDE STREET WITH NB LAG; ADD LOOP DETECTORS IN NB AND SB MEDIAN LANE 6-15-00	CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION	
CJS		DIRECTOR, TRAFFIC & SAFETY	
A	AS BUILT SHA NO. AW-774-476-185P 6-10-96		
RRZ			

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
U.S. 50 AND HOBBS ROAD
GENERAL NOTES

DRAWN BY: C.G.M.	F.A.P. NO. _____	TS NO. _____	SHEET NO. _____
CHECKED BY: M.J.W.	S.H.A. NO. W16415270	TS 3586	
SCALE: N.T.S.	COUNTY: WICOMICO	T.I.M.S. NO. D036	
DATE: 6/00	LOG MILE: 22005019.99		

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DATE: 10-May-01 11:56